

## ABSTRACT OF THE DISCLOSURE

A digital audio data reproducing system comprises a digital audio data reproducing apparatus having a record medium, detection means for the record medium and processing unit; an analog record player; and a rotation detecting apparatus for sensing the speed and sense of revolution of a analog record. The rotation detecting apparatus is provided for easily controlling audio data in the other electrical appliances by an analog record in which audio data is stored. A rotation of a supporting element causes a slip preventing element to be tightly in contact with a thick portion of the analog record, thereby enabling a rotation body to become in a rotatable state with regard to the analog record by the frictional force between the slip preventing element and the analog record. The scratch operation of the analog record together with the reproduction of the analog record by a player allows the rotation body to be rotated around a shaft in accordance with the rotation of the analog record. A rotary encoder senses the speed of revolution and the direction of rotation for the rotation body to output pulse signals, and the audio data in the data reproduction apparatus are scratch-controlled on the basis of the pulse signals.